



# TECHNICAL SHEET

## SANDENIT SW300 ADHESIVE WDWS FOR POLYSTYRENE BOARDS

**PURPOSE:** SANDENIT SW300 is dry building adhesive suitable for fixing of polystyrene boards

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**CONTENT:** cement, stone aggregate 0.9mm, additives and hydraulic binders.

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**DESCRIPTION:** grey powder

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**CONSUMPTION:** 4kg/m<sup>2</sup>

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### SURFACE

**PREPARATION:** Surfaces need to be clean, solid and dry, without oily residues.

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**PREPARATION:** Mix the powder manually or with electric stirrer with water to needed consistency in approximate relation 2,85:1 (2,85 parts of SANDENIT SW300 i 1 part of water). Mix until material is uniform. Allow mixed material to sit undisturbed for 15 minute and remix it finally. Do not add anything to the mass.

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### WORK

**TEMPERATURE:** From +8°C to +25 °C – and it refers to air and surface temperature. Maximum air humidity 80%.

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**APPLICATION:** Apply SANDENIT SW300 across the middle and alongside edges of boards under the angle of 45° from external side and press gently the board on the surface. Adhesive can be applied on the board mechanically – strips alongside the edges and 2-3 strips across the middle. Between joints of boards there shouldn't be any adhesive, because it causes thermal bridges. Joints up to 2mm fill with silicone and PU foam, over 2mm with polystyrene strips.

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### OPEN WORK

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**TIME:** Open work time of of properly prepared adhesive is 20 minutes.

**EXPIRY DATE :** 12 months in original packaging in dry and airy rooms.

**PACKAGING:** Bag 25 kg

### TECHNICAL CHARACTERISTICS

1.	The components ration A:B:H2O	1 : / : 0.30
2.	Consistence of fresh adhesive (by flow table) mm	170
3.	Adhesion to glass surfaces, %	100
4.	Slip ceramic tiles, mm	0.0
5.	Adhesive strenght on a polystyrene board, MPa a) Initial tensile adhesion strenght-standard conditions b) Tensile adhesion strenght after water immersion c) Tensile adhesion strenght after freeze-thaw cycles d) Tensile adhesion strenght after correction element	0.11 "CF-T" 0.11" CF-T" 0.10" CF-T" 0.11" CF-T"
6.	Adhesive strenght on a mineral wool board, MPa a) Initial tensile adhesion strenght-standard conditions b) Tensile adhesion strenght after heat ageing (+70°C) c) Tensile adhesion strenght after correction element	0.31 "CF-T" 0.23" CF-T" 0.27" CF-T"

**STORAGE :** In dry room on wooden pallet.

**TRANSPORT:** SANDENIT SW300 during transport should be protected from rain, snow and wetting.

**FINAL WORKS:** Fixing of boards with screws, plastering and reinforcement with fiberglass mesh.  
Façade colors, decorative plasters, acrylic and mineral.

*Kasem company ltd. performs regular testing of all products in certified laboratories. Instructions are product of our knowledge and practical experiences, and they are recommendation for all users if they want to achieve best results in work. If weather conditions are different from those recommended, our instructions should be used as guidelines without applying guarantees. Kasem company ltd will not take responsibility for wrong usage of product, wrong choice of product and for poorly managed works. It is supposed that user of our products is educated in building techniques and in usage of different products.*

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